



Image may be representation.  
See specifications for product details.



## AD5541LRZ

Manufacturer Part Number	<b>AD5541LRZ</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-AD5541LRZ
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DAC 16BIT V-OUT 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

AD5541LRZ - Analog Devices Inc..New Original in Stock. Download Linear Technology AD5541LRZ datasheet/specifications on AllelcoElec.com.  
Request a quote for AD5541LRZ, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

AD5541LRZ Tech Specifications

AD5541LRZ - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	1
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	16
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Settling Time	1µs (Typ)	INL/DNL (LSB)	±0.5, ±0.5
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	AD5541
Package	Tube	Architecture	R-2R
Output Type	Voltage - Unbuffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. AD5541LRZ

Product Attribute				
Part Number	AD5541LRZ	AD5541LRZ-REEL7	AD5541JRZ	AD5541CRZ-REEL7
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Series	-	-	-	-
Reference Type	External	External	External	External
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Architecture	R-2R	R-2R	R-2R	R-2R
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Base Product Number	AD5541	AD5541	AD5541	AD5541
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Settling Time	1µs (Typ)	1µs (Typ)	1µs (Typ)	1µs (Typ)
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Number of D/A Converters	1	1	1	1
Output Type	Voltage - Unbuffered	Voltage - Unbuffered	Voltage - Unbuffered	Voltage - Unbuffered
Differential Output	No	No	No	No
INL/DNL (LSB)	±0.5, ±0.5	±0.5, ±0.5	±0.5, ±0.5	±0.5, ±0.5
Number of Bits	16	16	16	16
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP

### AD5541LRZ Datasheet PDF

Download AD5541LRZ pdf datasheets and Analog Devices Inc. documentation for AD5541LRZ - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Design Resources

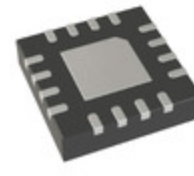
[How to Achieve High Precision Voltage Level Settin.pdf](#)

### Customers Also Interested in

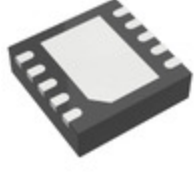
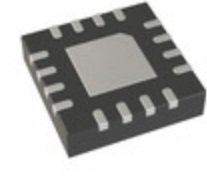
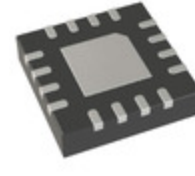
#### Recommended Products

**AD5541LRZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5541JRZ**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5542**

ADI (Analog Devices, Inc.)

**AD5541CRZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5542ARZ**Analog Devices Inc.  
IC DAC 16BIT V-OUT 14SOIC**AD5541JRZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5541BRZ**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5542AR**Analog Devices Inc.  
IC DAC 16BIT V-OUT 14SOIC**AD5541BR**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5542ABCPZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 16LFCSP**AD5541CRZ**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5541LR**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5541B**

ADI (Analog Devices, Inc.)

**AD5542ABCPZ-1-RL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 10LFCSP**AD5542AACPZ-REEL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 16LFCSP**AD5541JR-REEL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5541JR**Analog Devices Inc.  
IC DAC 16BIT V-OUT 8SOIC**AD5542ABCPZ-500RL7**Analog Devices Inc.  
IC DAC 16BIT V-OUT 16LFCSP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

**Common Countries Logistic Time Reference**

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

**DHL & FedEx Shipment Charges Reference**

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

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## Certifications & Memberships



View More

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